

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	50	("5368921" "4343875" "5814255" "4579107" "4622058" "4632877" "4882212" "4956227" "5024883" "5192622" "5232962" "5296833" "5298332" "5309471" "5336357" "5441803" "5698725" "5739888" "5939343" "6057037" "6159385" "4266089" "4277522" "4302706" "4365021" "4368221" "4372987" "4446191" "4511601" "4535026" "4584245" "4761518" "4861689" "5204289" "5209798" "5250360" "5273834" "5283104" "5337475" "5391604" "5421979" "5431964" "5464657" "5514451" "5533158" "5557120" "5680185" "5733370" "5763059" "5780162" ).pn.	US-PGPUB; USPAT	OR	OFF	2006/11/27 19:15
S2	6685	"501"/\$.cior.	US-PGPUB; USPAT	OR	OFF	2006/10/10 13:03
S3	1	"20040265643"	US-PGPUB; USPAT	OR	OFF	2006/10/11 13:39
S4	1	"7097924"	US-PGPUB; USPAT	OR	OFF	2006/10/11 13:49
S5	1	"20050089725"	US-PGPUB; USPAT	OR	OFF	2006/10/11 13:49
S6	5	("5391622", "6162751", "6440531", "6387510", "20020010066").pn.	US-PGPUB; USPAT	OR	OFF	2006/11/22 16:33
S7	8	("5368921" "4343875" "5814255" "4579107" "4622058" "4632877" "4882212" "4956227" "5024883" "5192622" "5232962" "5296833" "5298332" "5309471" "5336357" "5441803" "5698725" "5739888" "5939343" "6057037" "6159385" "4266089" "4277522" "4302706" "4365021" "4368221" "4372987" "4446191" "4511601" "4535026" "4584245" "4761518" "4861689" "5204289" "5209798" "5250360" "5273834" "5283104" "5337475" "5391604" "5421979" "5431964" "5464657" "5514451" "5533158" "5557120" "5680185" "5733370" "5763059" "5780162" ).pn. and "glass transition"	US-PGPUB; USPAT	OR	OFF	2006/11/22 16:46

## EAST Search History

S8	375	glass and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and (BaO) and (MgO) and (SrO) and (ZnO) and ("K.sub.2O") and ("Li.sub.2O") and ("Na.sub.2O") and ("ZrO.sub.2") and ("TiO.sub.2")	US-PGPUB; USPAT	OR	OFF	2006/12/22 16:19
S9	159	S8 and (("SiO.sub.2") same ("Al.sub.2O.sub.3") same (CaO) same (BaO) same (MgO) same (SrO) same (ZnO) same ("K.sub.2O") same ("Li.sub.2O") same ("Na.sub.2O") same ("ZrO.sub.2") same ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:49
S10	85	S9 and (("SiO.sub.2") with ("Al.sub.2O.sub.3") with (CaO) with (BaO) with (MgO) with (SrO) with (ZnO) with ("K.sub.2O") with ("Li.sub.2O") with ("Na.sub.2O") with ("ZrO.sub.2") with ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:50
S11	54	S10 and ("428"/\$ or "501"/\$ or "65"/\$)	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:52
S12	1	"20050162956"	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:53
S13	16	S11 and (ikensishi or zou)	US-PGPUB; USPAT	OR	OFF	2006/11/24 13:53
S14	16	S11 and (ikensishi or zou)	US-PGPUB; USPAT	OR	ON	2006/11/24 14:06
S15	1	S12 and (ikensishi or zou)	US-PGPUB; USPAT	OR	ON	2006/11/24 14:06
S16	19	S10 and (ikensishi or zou)	US-PGPUB; USPAT	OR	ON	2006/11/24 14:06
S17	3	S16 not S13	US-PGPUB; USPAT	OR	ON	2006/11/24 14:07
S18	2	(zou and hashimoto).inv.	US-PGPUB; USPAT	OR	OFF	2006/11/27 19:15
S19	378	glass and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and (BaO) and (MgO) and (SrO) and (ZnO) and ("K.sub.2O") and ("Li.sub.2O") and ("Na.sub.2O") and ("ZrO.sub.2") and ("TiO.sub.2")	US-PGPUB; USPAT	OR	OFF	2006/12/04 17:26
S20	161	S19 and (("SiO.sub.2") same ("Al.sub.2O.sub.3") same (CaO) same (BaO) same (MgO) same (SrO) same (ZnO) same ("K.sub.2O") same ("Li.sub.2O") same ("Na.sub.2O") same ("ZrO.sub.2") same ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:17

## EAST Search History

S21	87	S20 and ("SiO.sub.2") with ("Al.sub.2O.sub.3") with (CaO) with (BaO) with (MgO) with (SrO) with (ZnO) with ("K.sub.2O") with ("Li.sub.2O") with ("Na.sub.2O") with ("ZrO.sub.2") with ("TiO.sub.2")	US-PGPUB; USPAT	OR	OFF	2006/12/04 17:26
S22	19	S21 and (ikensishi or zou)	US-PGPUB; USPAT	OR	ON	2006/12/04 17:26
S23	1112	(glass same "etch rate")	US-PGPUB; USPAT	OR	OFF	2006/12/14 12:56
S24	1340	(glass same "etch rate")	US-PGPUB; USPAT	OR	ON	2006/12/14 12:56
S25	439	S24 and (glass with "etch rate")	US-PGPUB; USPAT	OR	ON	2006/12/14 12:56
S26	0	S25 and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and (BaO) and (MgO) and (SrO) and (ZnO) and ("K.sub.2O") and ("Li.sub.2O") and ("Na.sub.2O") and ("ZrO.sub.2") and ("TiO.sub.2")	US-PGPUB; USPAT	OR	OFF	2006/12/14 12:59
S27	0	S25 and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and ("K.sub.2O") and ("Na.sub.2O")	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:00
S28	0	S25 and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO) and ("Na.sub.2O")	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:01
S29	0	S25 and ("SiO.sub.2") and ("Al.sub.2O.sub.3") and (CaO)	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:01
S30	6	S25 and ("SiO.sub.2") and (CaO)	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:03
S31	15	S24 and ("SiO.sub.2") and (CaO)	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:03
S32	9	S31 not S30	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:10
S33	4	(S31 or S30) and ("etch rate" same nm)	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:11
S34	89	("Tg" or "glass transition") and (("SiO.sub.2") same ("Al.sub.2O.sub.3") same (CaO) same (BaO) same (MgO) same (SrO) same (ZnO) same ("K.sub.2O") same ("Li.sub.2O") same ("Na.sub.2O") same ("ZrO.sub.2") same ("TiO.sub.2"))	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:18
S35	18	S34 and ("Tg" or "glass transition") same "600")	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:24
S36	7	S35 and magnetic	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:20

## EAST Search History

S37	11	S35 not S36	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:24
S38	88	"magnetic recording" and (("Tg" or "glass transition") same "600")	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:25
S39	85	S38 not S35	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:31
S40	1	"20020023463"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:47
S41	1	"20060255055"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:50
S42	1	"20060264571"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:55
S43	1	"20060243197"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:56
S44	1	"20060243198"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:57
S45	1	"20060248619"	US-PGPUB; USPAT	OR	OFF	2006/12/14 19:57
S46	0	"638510".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/14 21:23
S47	1	"6387510".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/14 21:25
S48	1	"20060216552".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/14 21:25
S49	28	(glass same etch\$) and hydrosilicofluoric and (etch\$ and (smoothness or smooth or flat or flatness))	US-PGPUB; USPAT	OR	ON	2006/12/15 14:22
S50	4	(glass same etch\$) and hydrosilicofluoric and ("Tg" or "glass transition temperature")	US-PGPUB; USPAT	OR	ON	2007/08/23 15:23
S51	7	glass and etch\$ and hydrosilicofluoric and ("Tg" or "glass transition temperature")	US-PGPUB; USPAT	OR	ON	2006/12/15 16:02
S52	72	glass and etch\$ and (("Tg" or "glass transition temperature") same "600") and magnetic	US-PGPUB; USPAT	OR	ON	2006/12/15 15:59
S53	2	("5499731", "5895582").pn. and etch\$	US-PGPUB; USPAT	OR	ON	2006/12/15 16:00
S54	0	("5499731", "5895582").pn. and hydrosilicofluoric	US-PGPUB; USPAT	OR	ON	2006/12/15 16:00
S55	19	glass and etch\$ and hydrosilicofluoric and magnetic	US-PGPUB; USPAT	OR	ON	2006/12/22 16:20
S56	7	S55 and ("etching rate" or "etch rate")	US-PGPUB; USPAT	OR	ON	2006/12/15 16:17

## EAST Search History

S57	0	"10164363"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:53
S58	1	"20030228315"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:54
S59	5352	antibodies and ATPase	US-PGPUB; USPAT	OR	OFF	2006/12/18 15:00
S60	2832	S59 and heart	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:55
S61	899	S59 AND "heart disease"	US-PGPUB; USPAT	OR	OFF	2006/12/18 14:57
S62	94	S61 and (antibodies same ATPase)	US-PGPUB; USPAT	OR	OFF	2006/12/18 15:24
S63	1	"4581270".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/18 19:10
S64	1	"6387510".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/18 19:10
S65	34	glass and etch\$ and (hydrosilicofluoric or silicofluoric) and magnetic	US-PGPUB; USPAT	OR	ON	2006/12/19 14:50
S66	497	glass and etch\$ and (hydrofluoric with sulfuric with hydrochloric with nitric)	US-PGPUB; USPAT	OR	ON	2006/12/19 14:59
S67	23	S66 and "magnetic recording"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:00
S68	21	S65 and "magnetic recording"	US-PGPUB; USPAT	OR	ON	2006/12/22 16:20
S69	15	S67 not S68	US-PGPUB; USPAT	OR	ON	2006/12/19 15:04
S70	0	"cd distruption"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:05
S71	0	"CD distruption"	US-PGPUB; USPAT	OR	ON	2006/12/19 15:05
S72	0	CD same distruption	US-PGPUB; USPAT	OR	ON	2006/12/19 15:06
S73	12	CD and distruption	US-PGPUB; USPAT	OR	ON	2006/12/19 15:06
S74	1	"6387510".pn.	US-PGPUB; USPAT	OR	OFF	2006/12/21 21:00
S75	1	"20050121839"	US-PGPUB; USPAT	OR	OFF	2006/12/21 21:00
S76	3844	(428/846.9 or 428/848 or 428/848.2 or 428/848.3 or 428/848.8 or 428/409 or 428/410 or 428/426).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:23
S77	103	(65/404).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:23

## EAST Search History

S78	864	(438/691).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:22
S79	415	(428/64.2).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:22
S80	555	(501/54 or 501/55).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:22
S81	38	(S76 or S77 or S78 or S79 or S80) and glass and ("SiO <sub>2</sub> .sub.2") and ("Al <sub>2</sub> O <sub>3</sub> .sub.3") and (CaO) and (BaO) and (MgO) and (SrO) and (ZnO) and ("K <sub>2</sub> O") and ("Li <sub>2</sub> O") and ("Na <sub>2</sub> O") and ("ZrO <sub>2</sub> .sub.2") and ("TiO <sub>2</sub> .sub.2")	US-PGPUB; USPAT	OR	ON	2006/12/22 16:20
S82	481	(S76 or S77 or S78 or S79 or S80) and "magnetic recording"	US-PGPUB; USPAT	OR	ON	2006/12/22 16:20
S83	11	(S76 or S77 or S78 or S79 or S80) and glass and etch\$ and hydrosilicofluoric and magnetic	US-PGPUB; USPAT	OR	ON	2006/12/22 16:21
S84	1	"20060216552"	US-PGPUB; USPAT	OR	OFF	2007/08/21 22:08
S85	1	"20050162956"	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:12
S86	1	"20050196587"	US-PGPUB; USPAT	OR	OFF	2007/08/21 22:15
S87	581	(501/54 or 501/55).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:41
S88	427	(428/64.2).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:22
S89	909	(438/691).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:22
S90	110	(65/404).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:23
S91	3986	(428/846.9 or 428/848 or 428/848.2 or 428/848.3 or 428/848.8 or 428/409 or 428/410 or 428/426).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/23 15:23
S92	2	(S87 or S88 or S89 or S91) and (glass same etch\$) and hydrosilicofluoric and ("Tg" or "glass transition temperature")	US-PGPUB; USPAT	OR	ON	2007/08/23 15:32
S93	3	(S87 or S88 or S89 or S91) and glass and (" no Li <sub>2</sub> O")	US-PGPUB; USPAT	OR	ON	2007/08/23 15:34
S94	3	(S87 or S88 or S89 or S91) and glass and ("no Li <sub>2</sub> O")	US-PGPUB; USPAT	OR	ON	2007/08/23 15:34
S95	14	("501"/\$ or "65"/\$).ccls. and glass and ("no Li <sub>2</sub> O")	US-PGPUB; USPAT	OR	ON	2007/08/23 15:46

## EAST Search History

S96	18	("501"/\$ or "65"/\$).ccls. and glass and ("Li.sub.2O") and (rate same etch\$)	US-PGPUB; USPAT	OR	ON	2007/08/23 15:47
S97	50	("4364786" "5496199" "5514847" "5296833" "5867869" "4560896" "4625121" "5285690" "5407501" "5538527" "5731907" "5801068" "5962983" "5965215" "5998923" "6115016" "6127629" "4294811" "4310342" "4348610" "4362587" "4397116" "4498124" "4524047" "4622305" "4853001" "4864722" "4922606" "5207813" "5274502" "5306321" "5350554" "5418194" "5427597" "5473989" "5489031" "5549100" "5563105" "5567217" "5620909" "5625738" "5626935" "5633211" "5663821" "5712940" "5786067" "5801485" "5869791" "5914086" "5952783" ).pn.	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:12
S98	72	("4364786" "5496199" "5514847" "5296833" "5867869" "4560896" "4625121" "5285690" "5407501" "5538527" "5731907" "5801068" "5962983" "5965215" "5998923" "6115016" "6127629" "4294811" "4310342" "4348610" "4362587" "4397116" "4498124" "4524047" "4622305" "4853001" "4864722" "4922606" "5207813" "5274502" "5306321" "5350554" "5418194" "5427597" "5473989" "5489031" "5549100" "5563105" "5567217" "5620909" "5625738" "5626935" "5633211" "5663821" "5712940" "5786067" "5801485" "5869791" "5914086" "5952783" ) and "Li"	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:14
S99	222	("4364786" "5496199" "5514847" "5296833" "5867869" "4560896" "4625121" "5285690" "5407501" "5538527" "5731907" "5801068" "5962983" "5965215" "5998923" "6115016" "6127629" "4294811" "4310342" "4348610" "4362587" "4397116" "4498124" "4524047" "4622305" "4853001" "4864722" "4922606" "5207813" "5274502" "5306321" "5350554" "5418194" "5427597" "5473989" "5489031" "5549100" "5563105" "5567217" "5620909" "5625738" "5626935" "5633211" "5663821" "5712940" "5786067" "5801485" "5869791" "5914086" "5952783" ) and etch\$	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:26

## EAST Search History

S10 0	31	S98 and S99	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:13
S10 1	42	S99 and ("Li" or lithium)	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:15
S10 2	0	("4364786" "5496199" "5514847" "5296833" "5867869" "4560896" "4625121" "5285690" "5407501" "5538527" "5731907" "5801068" "5962983" "5965215" "5998923" "6115016" "6127629" "4294811" "4310342" "4348610" "4362587" "4397116" "4498124" "4524047" "4622305" "4853001" "4864722" "4922606" "5207813" "5274502" "5306321" "5350554" "5418194" "5427597" "5473989" "5489031" "5549100" "5563105" "5567217" "5620909" "5625738" "5626935" "5633211" "5663821" "5712940" "5786067" "5801485" "5869791" "5914086" "5952783" ) and etch\$ and "Li.sub.2O"	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:25
S10 3	18	S99 and recording	US-PGPUB; USPAT	OR	OFF	2007/08/23 20:43
S10 4	5	"6387510"	US-PGPUB; USPAT	OR	OFF	2007/08/23 21:03
S10 5	11	"6395634"	US-PGPUB; USPAT	OR	OFF	2007/08/23 21:03